EPSON®
EXCEED YOUR VISION

PowerLite® 1945W, 1955 and 1965

MULTIMEDIA PROJECTORS

PowerLite 1945W shown

Bright. Secure. Full-featured.

Keep presentations shining bright, even in ambient light, with the PowerLite 1945W, 1955 and 1965. Designed for both working professionals and educators, this family of bright, feature-packed solutions projects vibrant images in virtually any setting. Perfectly portable, these sleek projectors can be easily carried between meeting rooms and classrooms or can be installed in small- to medium-size venues. A secure wireless connection eliminates cables and streamlines the process with easy networking options, while automatic vertical and horizontal keystone correction gives you immediate positioning flexibility. Enjoy smooth video images with award-winning Faroudja DCDi® technology, which reduces jagged images. Project engaging, larger-than-life content with the PowerLite 1900 series.

Bright, brilliant picture with 3LCD, 3-chip technology — 4200 lumens color/white light output[1], WXGA widescreen resolution (1945W), 4500 lumens color/white light output[1], XGA resolution (1955) and 5000 lumens color/white light output[1], XGA resolution (1965)

Integrated wireless performance with advanced security features — connect to wireless networks via the integrated module, includes advanced security protocol support

Feature-rich — Split Screen[2], Multi-PC display, PC-free presentation with video capabilities and PDF support, automatic horizontal/vertical image correction, Screen Fit tool, DICOM Simulation Mode[3] and more

PowerLite® 1945W/1955/1965 MULTIMEDIA PROJECTORS

The best-selling projectors in the world.

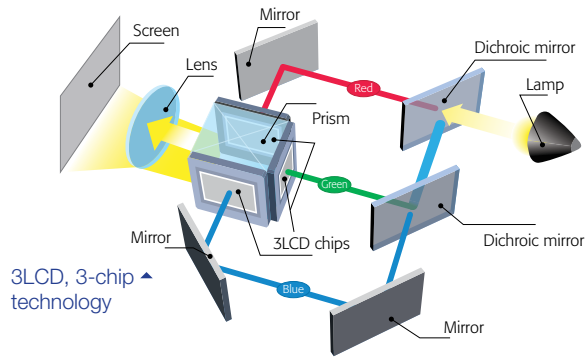
Epson offers a wide range of high-quality projectors to meet most any need. Built with image quality and reliability in mind, EPSON® projectors enhance communication and inspire collaboration, while offering a low total cost of ownership. From ultraportable projectors designed for educational settings to boardroom-ready installable business projectors, Epson has the model made for you.

Brilliant Image Quality

3LCD technology — for quality and color that's beyond amazing

Innovative technology with proven reliability

- 3 chips for full-time, vibrant color
- 25% less electricity required per lumen of brightness when compared to 1-chip DLP projectors[4]
- Over 20 years of road-tested reliability built into every projector



3LCD, 3-chip technology

WXGA (1280 x 800), 16:10 native resolution — for remarkable detail and widescreen convenience (1945W only)

The widescreen PowerLite 1945W is ideal for use with the latest-generation widescreen computers and great for projecting a wide variety of content. Its native 16:10 aspect ratio allows you to fully utilize the capabilities of your widescreen computer, giving you 30% more image area than a 4:3 image.

The PowerLite 1945W also allows you to display 4:3 content without losing image quality.

PowerLite 1955/1965

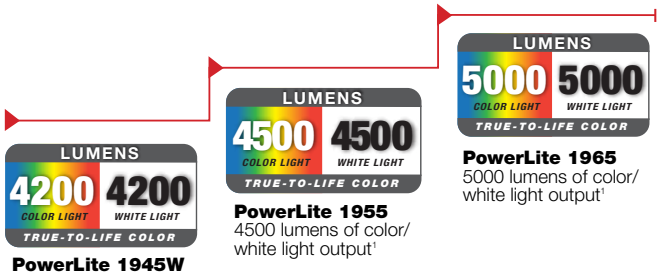
XGA (1024 x 768) resolution

PowerLite 1945W

WXGA (1280 x 800) resolution

Amazing color and white light output

The PowerLite 1900 Series delivers true-to-life, vibrant, colorful images, even in ambient light. For today's color-rich, multimedia content, users want a projector that delivers both optimum white and color imagery. That is why the industry has developed a new metric called Color Light Output.



PowerLite 1945W
4200 lumens of color/ white light output[1]

PowerLite 1955
4500 lumens of color/ white light output[1]

PowerLite 1965
5000 lumens of color/ white light output[1]

Always look for Color Light Output when choosing a projector

- For optimum image quality and performance, the projector you choose should offer equal levels of color and white light output
- When the two measurements are not identical, images do not look balanced
- Whites may be brighter, making the colored areas look dull and flat
- The combination of color richness (color light output) and brightness (white light output) is as critical as the combination of bass and treble would be when purchasing audio equipment

Actual photographs of images taken from two competing projectors run in default mode. Price, resolution and brightness (white light output) are the same for both projectors.

Advanced Networking Features and Cutting Edge Technology

Advanced wireless security protocol

The integrated wireless module supports robust wireless network security protocols that prevent information leakage in an enterprise environment. The PowerLite 1945W, 1955 and 1965 offer security features such as WEP, WPA-PSK, WPA-EAP, WPA2-PSK and WPA2-EAP. These security features are also available in Quick Connection Mode.

EPSON iProjection App via Networked Projector

iOS device users can project and share their presentation files, photos and more from their iPad®/iPod®/iPhone® via the EPSON iProjection application.

For more information, visit www.epson.com/ProjectorApp

Message Broadcasting[5]

- Broadcast customized images/alerts over the network for announcements or instructions
- Send messages to up to 1024 projectors simultaneously (message will overwrite the current screen content if the projector is being used, unless this function is disabled by the presenter)
- If the projector is off, message broadcasting will turn it on and display the message

Monitor/control projectors remotely

Easily monitor and control networked EPSON projectors using the included EasyMP® software

- Schedule remote power on/off functionality; saves energy, money and time
- Check the status of each projector as part of your maintenance routine
- Access maintenance alerts for connected projectors, right from your office
- Crestron RoomView enabled — monitor and control your projector with your existing RoomView software

CERTIFIED CRESTRON Integrated Partner

Digital DisplayPort and HDMI connectivity

DisplayPort and an HDMI digital display interface enable the projector to easily project digital content including video and audio. Both are compatible with the latest laptops, Blu-ray®, DVD and other media players. Future proof your digital content.

Split Screen[2] feature

Project two images (video or still) side-by-side from two different sources simultaneously. You can choose from three layout options, swap the images/display sizes, choose the source for the audio and even display closed captioning if the source signal includes it.

Layout Option-1: 50-50% Split Screen

Layout Option-2: Main image on the left

Layout Option-3: Main image on the right

Multi-PC projection

EPSON Multi-PC Collaboration utility allows you to display four individual PC screens simultaneously over the network with up to 32 PCs connected to the same projector. This feature is a great tool for meetings or classroom projects where multiple users can present and share ideas and graphics.

Ease of Use

PC-free presentations including video and PDFs

Just plug your USB hard drive into the USB port, and you are ready to display documents, movies and images stored on your USB drive. Present a slideshow or movie without having to connect to a PC.

Compatible with the following file formats:

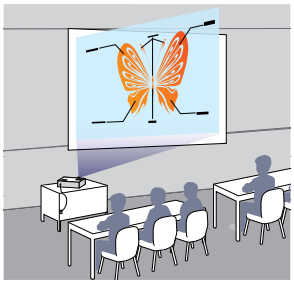
- Image files: PDF, JPEG, BMP, GIF, PNG
- Movie files: MPEG, WMV

Screen Fit

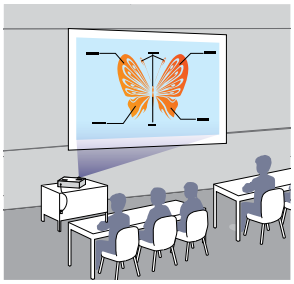
This advanced tool uses an auto-sensing feature that adjusts the image size to fit within a frame with a push of a button Whether it's a screen or a board.

Real-time vertical and horizontal keystone correction

With real-time vertical and horizontal keystone correction, the projector will always display a rectangular image by automatically detecting and correcting the keystoning with a push of a button.



Without horizontal keystone

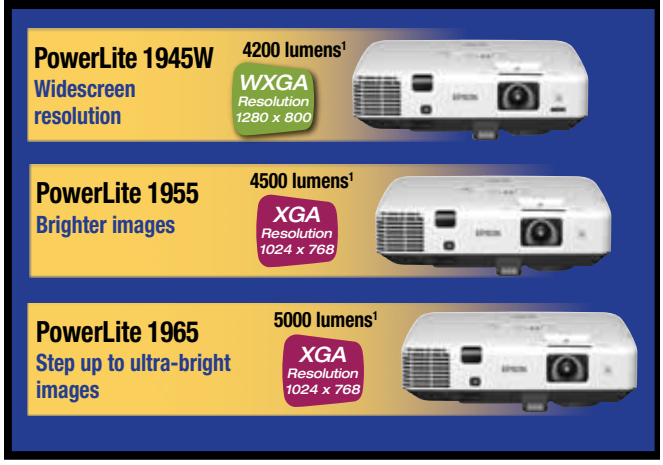


With horizontal keystone

Fast, easy setup and control

- USB Plug 'n Play — simply connect your PC to the projector and start presenting
- 1.6x optical zoom — offers great positioning flexibility to fit large or small rooms
- Focus Help — offers assistance for installers via a striped pattern and focus dial
- A/V Mute Slide — control your presentation; it's right at your fingertips
- Sleep Mode — set from 1 to 30 minutes to save energy when the A/V Mute Slide is closed or no signal is detected
- Direct Power On/Off — power the projector on and off with the flip of a wall switch
- Instant Off® — no cool-down time required, so it is ready to shut down when you are

The EPSON 1900 series multimedia projectors
Model Comparison



Better Products for a Better Future™

For more information on Epson's environmental programs, go to eco.epson.com

Eco Features

- Energy-efficient 3LCD light engine[4]
- Recyclable product[6]
- Epson America, Inc. is a SmartWay℠ Transport Partner[7]

SmartWay℠ Transport Partner
Getting There With Cleaner Air

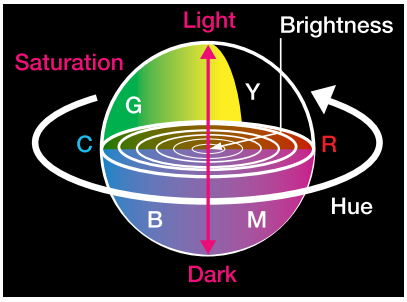
Full Featured Performance

Award-winning Faroudja DCDi Cinema for advanced video quality

Faroudja DCDi Cinema is a video enhancement technology, used primarily for film viewing, that produces exceptional image quality without introducing artifacts. Faroudja developed DCDi (Directional Correlational Deinterlacing) to reduce jagged images by using a unique algorithm. This algorithm, in combination with the technology's decoding, deinterlacing and enhancement features, won an Emmy Award from the National Academy of Television Arts and Sciences.

Advanced color adjustments

For special projection material such as high-quality photographs or artwork, users can adjust the hue, saturation and brightness for six colors, RGBCMY (Red, Green, Blue, Cyan, Magenta, Yellow).



DICOM Simulation Mode[3]

DICOM (Digital Imaging and Communication in Medicine) is a standard for handling, storing, printing and transmitting medical imaging information. The projector's DICOM Simulation Mode enables users to reproduce images with an advanced grayscale level that simulates DICOM Part 14. This mode is ideal for viewing grayscale medical images, such as X-rays, for training and educational purposes.

▲ Normal Mode

▲ DICOM Simulation Mode

PowerLite 1945W, 1955 and 1965 Features

- **Bright, brilliant performance** — 4200 lumens color/white light output[1] (1945W), 4500 lumens color/white light output[1] (1955) and 5000 lumens color/white light output[1] (1965)
- **Remarkable detail** — XGA resolution (1955 and 1965); widescreen WXGA resolution (1945W); 3LCD, 3-chip technology; up to 3000:1 contrast ratio
- **Powerful video performance** — Faroudja DCDi Cinema, deinterlacing, noise reduction and sharpness enhancement for ultra-smooth video
- **Advanced wireless security protocol** — ideal for corporate applications; compatible with WEP, WPA, WPA2 and more
- **Digital DisplayPort and HDMI connectivity** — easily transmit both audio and video
- **Split Screen[2] feature** — project two images (video or still) side-by-side from two different sources simultaneously
- **Multi-PC projection** — display up to four individual screens simultaneously over the network to a total of 32 users
- **PC-free video and slideshows** — display video (MPEG, WMV) and images from your USB hard drive (supports PDF, JPEG, BMP, GIF and PNG files)
- **Network monitor and control** — included EPSON monitor software allows for remote monitor and control of EPSON networked projectors; also compatible with Crestron® RoomView®
- **Message broadcasting[5]** — broadcasts customized images/alerts over the network for announcements or instructions
- **Site survey function** — easily find the SSID for your wireless LAN
- **EPSON iProjection™** — share files and photos from mobile Apple® devices via your wireless or networked EPSON projector
- **Schedule function** — easily control your projector at non-networked locations through the embedded "clock" inside
- **Automatic image adjustments** — automatic, real time, horizontal and vertical keystone correction for greater positioning flexibility
- **DICOM Simulation Mode[3]** — ideal for viewing grayscale images, such as X-rays, for training and educational purposes

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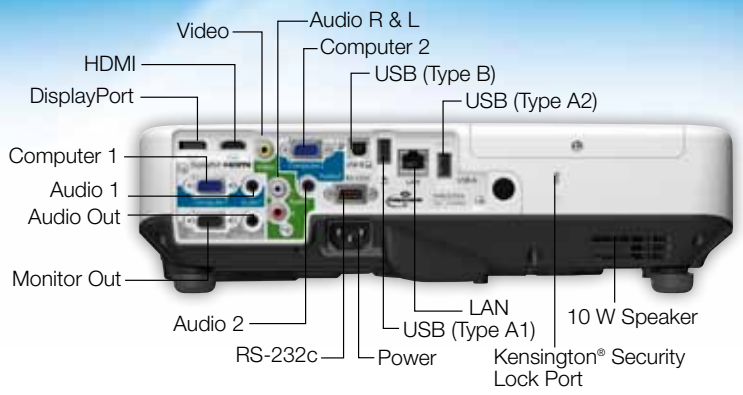
PowerLite® 1945W, 1955, 1965

Multimedia Projectors

Product Name	Product Code	UPC
PowerLite 1945W	V11H471020	0 10343 90011 0
PowerLite 1955	V11H490020	0 10343 90074 5
PowerLite 1965	V11H470020	0 10343 90012 7
Genuine EPSON Lamp	V13H010L75	0 10343 90015 8
Replacement Air Filter	V13H134A41	0 10343 90013 4



Specifications

Projection System
High-aperture EPSON 3LCD, 3-chip technology

Projection Method
Front/ceiling mount, table

LCD Driving Method
EPSON Poly-silicon TFT Active Matrix

Pixel Number
PowerLite 1945W: 1,024,000 x 3LCDs
PowerLite 1955: 786,432 x 3LCDs
PowerLite 1965: 786,432 x 3LCDs

Color Light Output[1]
PowerLite 1945W: 4200 lumens
PowerLite 1955: 4500 lumens
PowerLite 1965: 5000 lumens

White Light Output[1] **(ISO 21118 standard)**
PowerLite 1945W: 4200 lumens
PowerLite 1955: 4500 lumens
PowerLite 1965: 5000 lumens

Aspect Ratio
PowerLite 1945W: Native 16:10
PowerLite 1955: Native 4:3
PowerLite 1965: Native 4:3

Native Resolution
PowerLite 1945W: WXGA (1280 x 800)
PowerLite 1955: XGA (1024 x 768)
PowerLite 1965: XGA (1024 x 768)

Contrast Ratio (Normal, Dynamic Mode)
Up to 3000:1

Color Reproduction
16.77 million colors

Lamp Type
245 W UHE

Lamp Life[8]
Up to 4000 hours (ECO Mode)
Up to 2500 hours (Normal Mode)

Brightness Uniformity (typical)
89%

Pixel Arrangement
Cross stripe

Projection Lens

Screen Throw Ratio Range
1.38 – 2.24

Size (projected distance)
PowerLite 1945W: 29" – 280"
PowerLite 1955: 30" – 300"
PowerLite 1965: 30" – 300"

Type
Manual zoom/focus

F-number: 1.51 – 1.99

Focal Length
18.2 mm – 29.2 mm

Zoom Ratio
Optical zoom 1.0 – 1.6

Keystone Correction
Vertical: -30 degrees to +30 degrees
Horizontal: -30 degrees to +30 degrees

Video

Video Standards
Analog: NTSC/NTSC4.43/PAL/M-PAL/N-PAL/ PAL60/SECAM
HDMI: 480i/576i/480p/576p/720p/1080i/1080p

Video Processing
3D Y/C separation, 3D noise reduction, mosquito noise reduction
DCDi – Directional Correlational Deinterlacing
Motion-compensated Interlace-Progressive conversion (2:2, 3:2 film detection)
Closed captioning

Networking

Connectivity
Wired: Integrated 10/100Mbps
Wireless: 802.11b/g/n

Wireless Security:
WEP
WPA-PSK (AES / TKIP)
WPA-EAP (PEAP / PEAP-TLS / EAP-TLS / EAP-Fast / LEAP)
WPA2-PSK (AES / TKIP)
WPA2-EAP (PEAP / PEAP-TLS / EAP-TLS / EAP-Fast / LEAP)

Remote Control and Management
EasyMP Monitor
AMX Duet and Device Discovery
Crestron Integrated Partner and RoomView
PJLink

Interfaces

DisplayPort
HDMI
Computer: D-sub 15 pin x 2
Video: RCA
Wired Network: RJ-45
Wireless Network: WLAN
Serial: RS-232c
Monitor-Out: D-sub 15 pin
USB (Type A1): For document camera
USB (Type A2): For PC-Free
USB (Type B): For computer

Other

Speaker: 10 W mono

Audio Output: 3.5 mm Jack

Operating Temperature
41 ° to 95 °F (5 ° to 35 °C)

Power Supply Voltage
100 – 240 V ±10%, 50/60 Hz AC

Power Consumption
1945W – 311 W
1955 – 353 W
1965 – 353 W
3.8 W standby (Network on)
0.5 W standby (Network off)

Fan Noise
37 dB (Normal Mode)
29 dB (ECO Mode)

Security
Kensington – style lock provision, anchor (metal) bar for security lock or cable

Dimensions (W x D x H)

Excluding feet
14.8" x 10.7" x 3.6" (377 x 271 x 93 mm)

Weight
8.5 lb (3.9 kg)

Remote Control

Features
Color mode, brightness, contrast, tint, color saturation, sharpness, input signal, sync, source search, Split Screen[2]

Operating Angle
Front: Upper/lower 0 to +16 degrees
Left/Right: N/A
Rear: N/A

Operating Distance
39" – 138"

Support

The EPSON Connection℠
Pre-sales support
U.S. and Canada 800-463-7766
Internet website www.epson.com

Service Programs
Two-year projector limited warranty, 90-day limited lamp warranty, EPSON Road Service program and PrivateLine® dedicated toll-free support (U.S. and Canada only)

What's in the Box

A PowerLite projector, power cable, computer cable, projector remote control, batteries, user manual CD, Quick Setup Sheet, PrivateLine support card, password protection sticker, monitor and control CD

Optional Accessories

Geniune EPSON lamp	V13H010L75
Replacement air filter	V13H134A41
Replacement remote control	1566064
Universal projector ceiling mount	ELPMBPJF
Adjustable suspended ceiling channel kit	ELPMBP01
False ceiling plate kit	ELPMBP02
Wireless LAN module	V12H418P13
Kensington security lock	ELPSL01
Carrying case	V12H001K65

Packaging Specifications

PowerLite 1945W, 1955, 1965
Dimensions: 20.35" x 13.46" x 7.7" (W x D x H)
Weight: 12.6 lbs (5.5kg)

Genuine EPSON Lamp
Dimensions: 6.1" x 5.4" x 5.5" (W x D x H)
Weight: 0.9 lbs (0.42kg)
Master Carton
Dimensions: 28.1" x 12.9" x 6.4" (W x D x H)
Weight: 11.4 lbs (5.17kg)
Quantity: 10

Replacement Air Filter
Dimensions: 7.9" x 3.1" x 1.0" (W x D x H)
Weight: 0.1 lbs (46g)
Master Carton
Dimensions: 11.1" x 8.1" x 3.3" (W x D x H)
Weight: 1.4 lbs (0.64kg)
Quantity: 10

1 Color and white light output will vary depending on mode selected. White light output measured using ISO 21118 standard.
2 Consult your user manual for input combinations.
3 This projector does not meet the DICOM standard Part 14 and should not be used as a medical diagnostic device.
4 Data source: ProjectorCentral.com Jan. 2012. Average of 1122 shipping models for which the manufacturers provided lumens and total power data, all resolutions and brightness levels. Energy effciency was measured as wattage per lumen. It was measured for both 3LCD and 1-chip projectors in each of five brightness segments. 3LCD projectors averaged less required electricity per lumen in each of the five segments.
5 Works only with EPSON projectors that support presentation over the network capability.
6 See our website for convenient and reasonable recycling options at www.epson.com/recycle
7 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.
8 Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

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